

CLAIMS

- Sub B17
1. An actuator rod for a turbocharger pressure control assembly, the actuator rod comprising a first elongate portion defining a first rod end, and a second portion defining a second rod end, said first and second portions being pivotally joined to one another to allow a degree of relative pivotal motion between said two portions in at least one plane perpendicular to the axis of said elongate first portion.
 2. Apparatus as claimed in claim 1, wherein the pivotal joint between said first and second portions allows pivotal motion in at least two orthogonal planes perpendicular to the axis of said first elongate portion.
 3. Apparatus as claimed in claim 2, wherein the pivotal joint is a spherical joint.
 4. Apparatus as claimed in claim 3, wherein said spherical joint comprises a spherical formation defined by one of said first and second portions, and a socket defined by the other of said first and second portions to receive said spherical formation.
 5. Apparatus as claimed in claim 4 further comprising a pneumatic actuator connected to said first rod end.
 6. Apparatus as claimed in claim 5, wherein the pneumatic actuator comprises a spring loaded diaphragm housed within a pressure chamber, said diaphragm being attached to said first rod end.
 7. Apparatus as claimed in claim 6 further comprising a valve assembly, end of said actuating rod being connected to said actuator and the other end being connected

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11 12. A method according to claim 11, wherein prior to securing the actuator rod to the lever arm, the valve assembly is held in a closed position by appropriate clamping of the lever arm and said pneumatic actuator is pressurised to a predetermined pressure, thereby to determine the minimum pressure at which said valve will in use begin to open.

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